Reply to Office Action of October 19, 2005

# Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Currently Amended) An apparatus for adjusting an angle of an image device for an information processing equipment comprising:

a main body including a plurality of key buttons and a built-in unit;

a display body having a display unit, wherein the display body is rotatably coupled to one side of the main body;

an image device unit coupled to the display body and configured to receive an image device mounted thereon; and

a rotation device configured to rotate the image device unit in accordance with a rotation angle between the display body and the main body, comprising a first connecting link configured to be rotatably coupled at a first end thereof to the main body and rotatably coupled at a second end thereof to a second connecting link, wherein the second connecting link is configured to be rotatably coupled at a first end thereof to the first connecting link and rotatably rigidly coupled a second end thereof to the image device unit, wherein the image device unit comprises:

a supporting plate capable of having the image device mounted thereon; and

Reply to Office Action of October 19, 2005

a rotation shaft that rotatably supports the supporting plate inside the display body, wherein the second connecting link extends from the supporting plate such that its second end is rotatable about the rotation shaft.

2. (Previously Presented) The apparatus of claim 1, wherein the first connecting link is configured to rigidly couple the main body to the image device unit in a rotational relationship so as to adjust a viewing angle of the image device to compensate for a change in rotation angle.

#### 3. (Canceled)

- 4. (Previously Presented) The apparatus of claim 1, wherein the first end of the first connecting link is connected to one side of the main body having a first prescribed offset distance from a center of rotation of the display body, and the second end of the first connecting link is connected to the image device unit having a second prescribed offset distance from a center of rotation of the image device unit.
- 5. (Previously Presented) The apparatus of claim 1, wherein a body protruding portion protrudes upwardly from the main body, and a body connecting portion is installed on a side surface of the body protruding portion so that the first connecting link can be coupled

Serial No. **09/974,844**Amendment dated January 11, 2006
Reply to Office Action of October 19, 2005

thereto, wherein the body connecting portion is installed on a position that is the first prescribed offset distance from the rotation center of the display body.

### 6-7. (Canceled)

- 8. (Currently Amended) The apparatus of claim 71, wherein the rotation shaft, the supporting plate, and the second connecting link are formed as a single body.
- 9. (Currently Amended) The apparatus of claim 71, wherein an image device connector that electrically couples the image device and the built-in unit in the main body is installed on the upper surface of the supporting plate.
- 10. (Currently Amended) The apparatus of claim 71, wherein the second connecting link extends from the supporting plate at a prescribed angle relative to the supporting plate.
- 11. (Currently Amended) The apparatus of claim 1An apparatus for adjusting an angle of an image device for an information processing equipment, comprising:

  a main body including a plurality of key buttons and a built-in unit;

a display body having a display unit, wherein the display body is rotatably coupled

Amendment dated January 11, 2006

Reply to Office Action of October 19, 2005

to one side of the main body;

an image device unit coupled to the display body and configured to receive an

image device mounted thereon; and

a rotation device configured to rotate the image device unit in accordance with a

rotation angle between the display body and the main body, comprising a first connecting link

configured to be rotatably coupled at a first end thereof to the main body and rotatably coupled

at a second end thereof to a second connecting link, wherein the second connecting link is

configured to be rotatably coupled at a first end thereof to the first connecting link and rigidly

coupled a second end thereof to the image device unit, wherein the image device unit comprises:

a rotation shaft rotatably supported by the display body;

a supporting plate extended to both sides of the rotation shaft and having the

image device installed on an upper side thereof, wherein the second connecting link extends from

a first side of the supporting plate in a direction parallel to the rotation shaft, and wherein a

third connecting link extends from a second side of the supporting plate in a direction parallel to

the rotation shaft.

12. (Previously Presented) The apparatus of claim 11, wherein an image device

supporting portion is on the upper side of the supporting plate and protrudes upwardly so that

the image device can be mounted thereon.

5

Amendment dated January 11, 2006

Reply to Office Action of October 19, 2005

- 13. (Previously Presented) The apparatus of claim 11, wherein the second connecting link extends from a front right side of the supporting plate, and the third connecting link extends from a rear left side of the supporting plate centered on the rotation shaft of the supporting plate.
- 14. (Previously Presented) The apparatus of claim 11, further comprising a fourth connecting link configured to rotatably couple the main body and the third connecting link, wherein the first and fourth connecting links are disposed substantially parallel to each other.
- 15. (Previously Presented) The apparatus of claim 11, wherein the first connecting link comprises a rigid wire.
- 16. (Original) The apparatus of claim 1, wherein a sliding door is included in the display body so as to open/close the image device unit in the display body.
- 17. (Original) The apparatus of claim 1, wherein the image device unit is located at one of an upper central part of the display body, on a left edge on an upper end of the display body, on a right edge on the upper end of the display body and side portions of the display body.

Amendment dated January 11, 2006

Reply to Office Action of October 19, 2005

18. (Previously Presented) The apparatus of claim 17, wherein the main body comprises a body protruding portion upwardly protruded from a top surface into the display body and a body connecting portion is formed on a side surface of the body protrusion portion

and a body commercing portion is formed on a side surface of the body production portion

parallel to the center of rotation of the display body so that the rotation device can be connected

thereto.

19. (Original) The apparatus of claim 1, wherein the image device unit is located on

one of a left edge and a right edge on an upper end of the display body.

20. (Previously Presented) The apparatus of claim 19, wherein a hinge engaging

portion is upwardly protruded on the main body so that the display body can be rotationally

coupled to the main body and a body connecting portion is protruded on a side surface of the

hinge engaging portion offset and parallel to the center of the rotation of the display body,

wherein the rotation device is connected to the body connecting portion.

21. (Previously Presented) The apparatus of claim 1, wherein the image device unit is

positioned in one of the side portions of the display body, and wherein a hinge engaging portion

is upwardly protruded on the main body so that the display body can be rotationally coupled to

7

Amendment dated January 11, 2006 Reply to Office Action of October 19, 2005

the main body and a body connecting portion is protruded on a side surface of the hinge engaging portion offset and parallel to the center of the rotation of the display body, wherein the rotation device is connected to the body connecting portion.

### 22-29. (Canceled)

30. (Currently Amended) The apparatus of claim 1, wherein the image device comprises a camera, a projector, or a monitor.

# 31-37. (Canceled)

38. (New) An apparatus for adjusting an angle of an image device for an information processing equipment comprising:

a main body including a plurality of key buttons and a built-in unit;

a display body having a display unit, wherein the display body is rotatably coupled to one side of the main body;

an image device unit coupled to the display body and configured to receive an image device mounted thereon, wherein the image device unit comprises:

a supporting plate capable of having the image device mounted thereon,

Amendment dated January 11, 2006
Reply to Office Action of October 19, 2005

wherein an image device connector that electrically couples the image device and the built-in unit in the main body is installed on the upper surface of the supporting plate;

a rotation shaft that rotatably supports the supporting plate inside the display body; and

a link connecting portion protruded from the supporting plate that is coupled to the connecting link; and

rotation means for rotating the image device unit in accordance with a rotation angle between the display body and the main body.